

Description of the component/accessory/option	Vendor Name	Supplier reference and Part Number		Revision Firmware Stepping
		model number	part number	
Socket P+ LGA-4189 (MB support power up to 270w)		Base Frequency	Code Name	Stepping level
QXRV Intel(R) Xeon(R) Gold 6336Y CPU @ 2.40GHZ 185W	Intel	2.40GHZ	Ice Lake	M-1
QXS7 Intel(R) Xeon(R) Gold 6326 CPU @ 2.90GHZ 185W	Intel	2.90GHZ	Ice Lake	M-1
QXS7 Intel(R) Xeon(R) Gold 6342 CPU @ 2.80GHZ 230W	Intel	2.80GHZ	Ice Lake	M-1
QXRQ Intel(R) Xeon(R) Gold 6334 CPU @ 3.60GHZ 165W	Intel	3.60GHZ	Ice Lake	M-1
QXRT Intel(R) Xeon(R) Gold 5320 CPU @ 2.20GHZ 185W	Intel	2.20GHZ	Ice Lake	M-1
QXRS Intel(R) Xeon(R) Silver 4309Y CPU @ 2.80GHZ 105W	Intel	2.80GHZ	Ice Lake	M-1
8352V Intel(R) Xeon(R) Platinum 8352V CPU @ 2.10 GHz 195W	Intel	2.10GHZ	Ice Lake	
QXC0 Intel(R) Xeon(R) Platinum 8380 @ 2.30GHZ 270W	Intel	2.30GHZ	Ice Lake	D-1
QWLL Intel(R) Xeon(R) Platinum 8368 @ 2.40GHZ 270W	Intel	2.40GHZ	Ice Lake	D-1
SRKJ1 Intel(R) Xeon(R) Platinum 8358 @ 2.60GHZ 250W	Intel	2.60GHZ	Ice Lake	

Register Memory		Model Name	P/N	Remark
16G DDR4 3200 R-DIMM	Micron	16GB 2RX8 PC4-3200AA-RE2-12	MTA18ASF2G72PDZ-3G2R1VI	
	Micron	16GB 1RX8 PC4-3200AA-RD1-14	MTA9ASF2G72PZ-3G2F1UI	
	Micron	16GB 1RX4 PC4-3200AA-RC2-12	MTA18ASF2G72PZ-3G2R1UI	
8G DDR4 3200 R-DIMM	Micron	8GB 1RX8 PC4-3200AA-RD1-12	MTA9ASF1G72PZ-3G2R1VI	
	Micron	32GB 1RX4 PC4-3200AA-RC2-14	MTA18ASF4G72PZ-3G2F1TI	
32G DDR4 3200 R-DIMM	Micron	32GB 2RX8 PC4-3200AA-RE2-14	MTA18ASF4G72PDZ-3G2F1UI	
	Micron	64GB 2RX4 PC4-3200AA-RB2-14	MTA36ASF8G72PZ-3G2F1VI	

SATA M.2 SSD		Model Number	P/N	Note
Phison M.2 480GB PM8480GPKTGB5BAIC-S122P	Phison	PM8480GPKTGB5BAIC-S122P	SATA 3.1, 6.0 Gb/s	
Memphis M.2 MEM512GS8T-S30R72-PM3TC	Memphis	MEM512GS8T-S30R72-PM3TC	SATA 3.2, 6.0 Gb/s	
Memphis M.2 MEM256GS0T-S30R72-PM3TC	Memphis	MEM256GS0T-S30R72-PM3TC	SATA 3.2, 6.0 Gb/s	
Micron_M.2_5400Pro_MTFDDAV960TGA-1BC1ZABYY 960GB	Micron	Micron_M.2_5400Pro_SATA	MTFDDAV960TGA-1BC1ZABYY	

PCIe M.2 SSD		Model Number	P/N	Type
PHISON_M.2_EPM3750-M8480GB5AIC-E184_480GB	PHISON	PHISON_M.2_EPM3750-M8480GB5AIC-E184_480GB Gen4x4	EPM3750-M8480GB5AIC-E184	Performance is limited by M.2 slot PCIe lane width
PHISON_M.2_M8001TCB4AIC-E12FO ECPM13.0_1TB	PHISON	PHISON_M.2_M8001TCB4AIC-E12FO ECPM13.0_1TB	M8001TCB4AIC-E12FO	Performance is limited by M.2 slot PCIe lane width
Apacer PT180-M280_BIC55_B96.18CKGV.00101 512GB Gen4x4	Apacer	B96.18CKGV.00101 512GB	PT180-M280_BIC55	Performance is limited by M.2 slot PCIe lane width
Apacer PV250-M280_BIC55_B92.255KGU.00103 480GB Gen4x4	Apacer	B92.255KGU.00103 480GB	PV250-M280_BIC55	Performance is limited by M.2 slot PCIe lane width
Samsung M.2 MZVL2500HCJQ 980PRO 500GB	Samsung	MZ-V8P500 500GB Gen4x4	MZVL2500HCJQ	Performance is limited by M.2 slot PCIe lane width
Samsung M.2 MZVLB512HBJQ-00000 512GB	Samsung	PCIe Gen3x4 M.2 512GB	MZVLB512HBJQ-00000	Performance is limited by M.2 slot PCIe lane width
Samsung M.2 MZVLQ512HALU-00000 512GB	Samsung	PCIe Gen3x4 M.2 512GB	MZVLQ512HALU-00000	Performance is limited by M.2 slot PCIe lane width
Samsung M.2 MZVKB1TOHALR 970PRO 1TB	Samsung	MZ-V7P1T0 PCIe Gen3x4 1TB	MZVKB1TOHALR	Performance is limited by M.2 slot PCIe lane width
Intelligent Memory M.2 2280 480GB NVMe PCIe Gen3x4	Intelligent Memory	M.2 2280 480GB NVMe PCIe Gen3x4, 3D TLC NAND, 0-70C with AES & OPAL functions	IMP3M8B5E2A2A1C3B4T0000	Performance is limited by M.2 slot PCIe lane width
Intelligent Memory M.2 2280 240GB NVMe PCIe Gen3x4	Intelligent Memory	M.2 2280 240GB NVMe PCIe Gen3x4, 3D TLC NAND, 0-70C with AES & OPAL functions	IMP3M8B3E2A2A1C3B2T0000	Performance is limited by M.2 slot PCIe lane width
Micron_M.2_7450Pro_MTFDKBA960TFR-1BC1ZABYY 960GB	Micron	Micron 7450Pro PCIe Gen4x4	MTFDKBA960TFR-1BC1ZABYY	Performance is limited by M.2 slot PCIe lane width
Solidigm_M.2_P41_Plus_Pcie4.0_SSDPFKNU010TZ_1TB	Solidigm	M.2_P41_Plus_Pcie Gen4x4	SSDPFKNU010TZ	Performance is limited by M.2 slot PCIe lane width
Centon_M.2_C3-CT-X44E-1.1A_1TB	Centon	Centon_M.2_Pcie Gen4x4	C3-CT-X44E-1.1A	Performance is limited by M.2 slot PCIe lane width
Innodisk M.2_P80_4TS2_DGM28-1T6DP1LCCHEH-SVR_1.6TB	Innodisk	Innodisk_M.2_Pcie Gen4x4	P80_4TS2_DGM28-1T6DP1LCCHEH-SVR	Performance is limited by M.2 slot PCIe lane width
Centon_M.2_S3-CT-X44E-1000.1_1TB	Centon	Centon_M.2_Pcie Gen4x4	S3-CT-X44E-1000.1	Performance is limited by M.2 slot PCIe lane width
ADATA_M.2_IM2P41B8-512GCTB5 512GB PCIe Gen4x4	ADATA	M.2 2280 512GB NVMe PCIe Gen4x4	IM2P41B8-512GCTB5	Performance is limited by M.2 slot PCIe lane width
ADATA_M.2_IM2P41B8-001TCTB5 1T PCIe Gen4x4	ADATA	M.2 2280 1TB NVMe PCIe Gen4x4	IM2P41B8-001TCTB5	Performance is limited by M.2 slot PCIe lane width

NIC CARDS (see motherboard section for LOM)		Model Name	P/N	Remark
Intel Ethernet X710-DA4	Intel	EX710DA4G1P5	X710-DA4	
Intel Ethernet E810-XXVDA2 Dual Port 25 Gbs	Intel	Dual Port 25 Gb/s Network Interface Card	E810-XXVDA2	Nic card FW update : v4.30
Intel Ethernet E810-CQDA2	Intel	Dual Port 100 Gb/s Network Interface Card	E810-CQDA2	
Intel Ethernet E810-CQDA2_Dual_Port_100_Gbs_OCP3.0	Intel	Dual Port 100 Gb/s OCP3.0 Network Interface Card	E810-CQDA2OCPV3	Nic card FW update : v4.30
SUNRICH N-770 100G Single Port	SUNRICH	Single Port 100 Gb/s Network Interface Card	PN4E810-2X2B	
SUNRICH N-780 100G Dual Port	SUNRICH	Dual Port 100 Gb/s Network Interface Card	PN4E810-2X2B	
SUNRICH N-830 1Gbs_Quad_Port_OCP3.0	SUNRICH	I350-AM4_Quad_Port_1_Gbs_OCP3.0	PN40350-7G2B	
SUNRICH N-900 Dual_Port_10_Gbs_OCP3.0	SUNRICH	Dual-Port 10G SFP+ Ethernet Adapter for OCP 3.0	PN4X710-6G2A	
SUNRICH N-910_Quad_Port_25_Gbs_OCP3.0	SUNRICH	Quad_Port_25_Gbs_Network Interface Card	PN4E810-4G2B	Nic card FW update : v4.30
SUNRICH N-1000_Dual_Port_25_Gbs_OCP3.0	SUNRICH	E810 Dual Port 25 Gb/s Network Interface Card	PN4E810-6G2A	
SUNRICH N-1030_Dual_Port_100_Gbs_OCP3.0	SUNRICH	E810 Dual Port 100 Gb/s Network Interface Card	PN4E810-5G2A	
Broadcom BCM957508-P2100G Dual Port 100G	Broadcom	BCM957508-P2100G Dual Port 100G	BCM957508-P2100G	
Broadcom BCM95719N1905C Quad Port 1Gbs OCP3.0	Broadcom	BCM95719N1905C Quad Port 1Gbs	BCM95719N1905C	
Broadcom BCM957504-N1100G OCP3.0 100G Single Port (PCIe x16 Gen4)	Broadcom	BCM957504-N1100G OCP3.0 100G Single port	BCM957504-N1100G	
Broadcom BCM957508-N2100G OCP3.0 100G dual port (PCIe x16 Gen4)	Broadcom	BCM957508-N2100G OCP3.0 100G dual port	BCM957508-N2100G	
Broadcom BCM957414-N4140C Dual Port 25Gbs OCP3.0	Broadcom	BCM957414-N4140C Dual Port 25Gbs OCP3.0	BCM957414-N4140C	Test with 25GB SFP28 cable
Broadcom BCM957504-N425G Quad Port 25Gbs OCP3.0	Broadcom	BCM957504-N425G Quad Port 25Gbs OCP3.0	BCM957504-N425G	Test with 25GB SFP28 cable
Mellanox MCX623106AN-CDAT	Mellanox	MCX623106AN-CDAT Dual port 100Gbs	MT2225J45138	
Mellanox_MCX653435A-EDAI_Single_Port_100_Gbs_OCP3.0	Mellanox	MCX653435A-EDAI_Single_Port_100_Gbs_OCP3.0	MT2127X11447	



NIC CARDS (see motherboard section for LOM)		Model Name	P/N	Remark
Mellanox MCX653106A-HDAT	Mellanox	MCX653106A-HDAT Dual Port 200Gbs	MT2034T08572	
X550 DB-MZ00005-TY OCP3.0 Dual Port 10Gbs	Intel	X550	DB-MZ00005-TY	OCP3.0 Dual Port 10Gbs
X550-AT2 AIC DB-MZ00005-TY Dual Port 10Gbs OCP3.0	Intel	X550-AT2	BDB-MZ00006AA01(DB-MZ00005-TY)	OCP3.0 Dual Port 10Gbs
X710-AT2 AIC DB-MZ00004-TY Dual Port 10Gbs OCP3.0	Intel	X710-AT2	BDB-MZ00005AB01(DB-MZ00004-TY)	OCP3.0 Dual Port 10Gbs

HBA & Raid		Model Name	S/N, P/N	Remark
ASRock_M3808AK	ASRock	ASRock_M3808AK	5D050990001CEA70_F7SOR6000052	It needs to be installed/worked with AIC BDB-MZ0005A_A01(DB-MZ0004-TY) OCP3.0 card.
Broadcom MegaRAID 9562-16i 8GB OCP3.0	Broadcom	MegaRAID 9562-16i	SKD1421076	OCP3.0

Supported UEFI OSs				
Windows Server 2019 (onboard SATA AHCI mode x64)				
Windows Server 2019 (onboard SATA-Raid0 mode x64)				
Windows Server 2019 (onboard SATA-Raid1 mode x64)				
Windows Server 2022 (onboard SATA AHCI mode x64)				
Windows Server 2022 (onboard SATA-Raid0 mode x64)				
Windows Server 2022 (onboard SATA-Raid1 mode x64)				
CentOS 8.5 (onboard SATA AHCI mode x64)				
CentOS 8.4 (onboard SATA AHCI mode x64)				
CentOS 7.9 (onboard SATA AHCI mode x64)				
CentOS 7.8 (onboard SATA AHCI mode x64)				
SuSE Linux Enterprise Server 15 SP3 (onboard SATA AHCI mode x64)				
SuSE Linux Enterprise Server 15 SP2 (onboard SATA AHCI mode x64)				
VMWare ESXi 7.0 update 2a (onboard SATA AHCI mode x64)				
Ubuntu Server 22.04.3 (onboard SATA-Raid0 mode x64)				
Ubuntu Server 22.04.3 (onboard SATA-Raid1 mode x64)				
Ubuntu Server 20.04.4 (onboard SATA-Raid0 mode x64)				
Ubuntu Server 20.04.4 (onboard SATA-Raid1 mode x64)				
Ubuntu Server 23.10.0 (onboard SATA AHCI mode x64)				
Ubuntu Server 23.04.0 (onboard SATA AHCI mode x64)				
Ubuntu Server 22.04.0 (onboard SATA AHCI mode x64)				
Ubuntu Server 22.04.3 (onboard SATA AHCI mode x64)				
Ubuntu Server 22.04.2 (onboard SATA AHCI mode x64)				
Ubuntu Server 20.04.4 (onboard SATA AHCI mode x64)				
Ubuntu Desktop 23.10.1 (onboard SATA AHCI mode x64)				
Ubuntu Desktop 23.04.0 (onboard SATA AHCI mode x64)				
Ubuntu Desktop 22.04.0 (onboard SATA AHCI mode x64)				
Ubuntu Desktop 22.04.2 (onboard SATA AHCI mode x64)				
Ubuntu Desktop 22.04.3 (onboard SATA AHCI mode x64)				
Ubuntu Desktop 20.04.4 (onboard SATA AHCI mode x64)				